

RECORDATION FORM COVER SHEET

U.S. Department of Commerce

Case No.: 00-689

OMB No. 0651-0011 (exp. 4/94)

**PATENTS ONLY**

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Michael R. Mannette  
Douglas J. Newlin

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: 3Com Corporation

Internal Address:

Street Address: 5400 Bayfront Plaza

City: Santa Clara State: CA Zip: 95052

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: Oct 17, 2000

4. Application number(s) or registration number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

10/23/2000 NROCHA1 00000089 132490 09691489

03 FC:581 22.00 CH 18.00 OP

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: McDonnell Boehnen Hulbert & Berghoff  
32<sup>nd</sup> Floor, 300 South Wacker Drive

City: Chicago State: Illinois Zip: 60606

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00

☒ Enclosed

☒ Authorized to be charged to deposit account  
if check insufficient or inadvertently omitted

8. Deposit account number: 13-2490

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Timothy R. Baumann

Name of Person Signing, Reg. No. 40,502

Signature

10/18/00

Date

Total number of pages including cover sheet, attachments and documents: 56

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Office of Public Records,  
Crystal Gateway 4, Room 335, Washington, D.C. 20231

CERTIFICATE OF MAILING  
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231, on the date below:

Date

Signature

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## Clock Synchronization Of HFC Telephone Equipment

the specification of which is attached hereto unless the following space is checked:

☐ was filed on \_\_\_\_\_ as United States Application Serial Number or PCT International Application Number and was amended on (if applicable) \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

### PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119(a)-(d)

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

#### PRIOR FOREIGN/PCT APPLICATION(S)

Priority Claimed  
Yes/No

(Number)

(Country)

(Date Filed)

### CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. § 119(e))

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Status)

CLAIM FOR BENEFIT OF PRIOR U.S. APPLICATION(S) (35 U.S.C. § 120)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)

(Filing Date)


(Status)

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

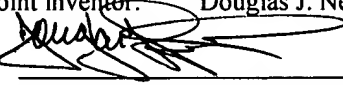
Customer Number: 020306  
Principal attorney or agents: Timothy R. Baumann  
Telephone Number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Michael R. Mannette

Inventor's signature:  Date: Oct 17, 2000  
Residence: 3302 Brookmeade Drive, Rolling Meadows, IL 60008  
Citizenship: U.S.A.  
Post Office Address: 3302 Brookmeade Drive, Rolling Meadows, IL 60008

Full name of second joint inventor: Douglas J. Newlin

Inventor's signature:  Date: Oct 17, 2000  
Residence: 0N785 Partridge Drive, Wheaton, IL 60187  
Citizenship: U.S.A.  
Post Office Address: 0N785 Partridge Drive, Wheaton, IL 60187

## ASSIGNMENT

Case No.: 00-689  
Inventors: Mannette et al.  
Date of Execution  
of Application:

Serial No.:

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**3Com Corporation, a corporation of the State of Delaware**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**Clock Synchronization Of HFC Telephone Equipment**

and identified as:

**Case No. 00-689**

in the offices of McDONNELL BOEHNNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

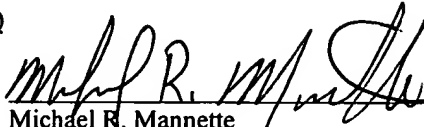
The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely

as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 17<sup>th</sup> day of Oct, 2000

  
Michael R. Mannette


State of Illinois  
County of Cook

The foregoing instrument was acknowledged before me this 17<sup>th</sup> day of  
October, 2000 by Michael R. Mannette.



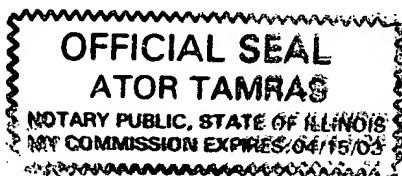
  
NOTARY PUBLIC

WITNESS my hand and seal this 17<sup>th</sup> day of Oct, 2000.

  
Douglas J. Newlin

State of Illinois  
County of Cook

The foregoing instrument was acknowledged before me this 17<sup>th</sup> day of  
October, 2000 by Douglas J. Newlin.



  
NOTARY PUBLIC